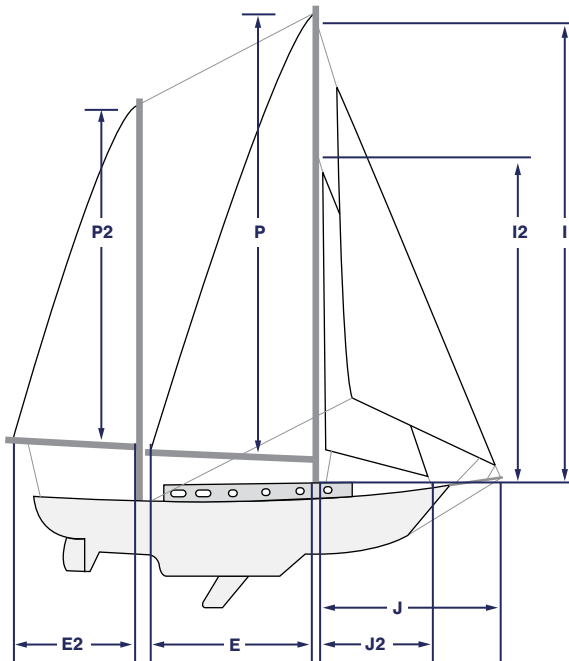


# Sail Measurement Form

Sailrite has an extensive database of standard boat rig specifications and, in most cases, no further information is required to prepare a sail. However, if you have a custom or modified rig, please fill out this sail measurement form completely and return to us. A proper fitting sail is only as good as the measurements used to cut the fabric.

We recommend keeping a copy of this form and accurate measurements of your sails to reference the next time a sail quote is needed.

## 1. GENERAL RIG



## SPECIFICATIONS

- I** \_\_\_\_\_ Height of foretriangle. Measured from deck level along the forward edge of the mast to the intersection of the forestay and mast. Prior to the IOR rule, this was defined as 'P2'.
- J** \_\_\_\_\_ Base of the foretriangle. Measured from the front of the mast horizontally to the intersection of the forestay and deck.
- P** \_\_\_\_\_ Longest reach of the mainsail along the mast. Measured from the top of the boom to the black band at the masthead or highest point of the halyard.
- E** \_\_\_\_\_ Longest reach of the mainsail along boom. An outer band is used to limit stretch for rating purposes. Prior to the IOR, this measurement was designated 'B'.
- I2** \_\_\_\_\_ Height of foretriangle to the inner forestay. Measured from the deck.
- J2** \_\_\_\_\_ Base of the foretriangle to the inner stay.
- P2** \_\_\_\_\_ Longest reach of the mizzen along its mast.
- E2** \_\_\_\_\_ Longest reach of the mizzen along its boom.

## HOISTED MEASUREMENTS

Use a tape rule hoisted on the jib halyard. If you have a furling unit, hoist the rule from the furling unit's swivel sail attachment point. Do not try to account for stretch.

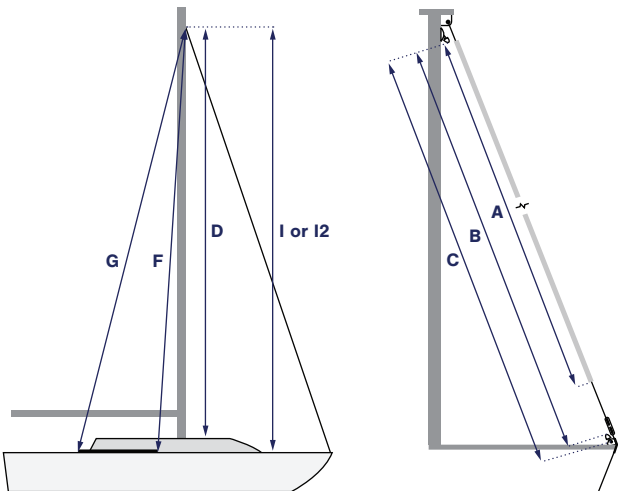
Furling Unit / Tuff Luff type: **I** \_\_\_\_\_ **I2** \_\_\_\_\_

Model: **I** \_\_\_\_\_ **I2** \_\_\_\_\_

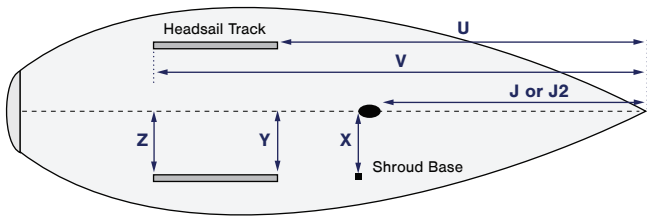
Luff Tape Size (if known): \_\_\_\_\_

**I** **I2**

- A** \_\_\_\_\_ \_\_\_\_\_ To the feeder (furling units or tuff luff systems only).
- B** \_\_\_\_\_ \_\_\_\_\_ To the bearing surface on tack fitting (if you have a furling unit this is to the tack fitting above the drum).
- C** \_\_\_\_\_ \_\_\_\_\_ To intersection of headstay and deck.
- D** \_\_\_\_\_ \_\_\_\_\_ To cabin house at mast.
- F** \_\_\_\_\_ \_\_\_\_\_ Pass tape around shrouds as if the leech of the sail, then the forward end of the track and pull tight.
- G** \_\_\_\_\_ \_\_\_\_\_ To the aft end of track.



## 2. DECK LEVEL MEASUREMENTS



### MEASURED HEADSTAY - AFT

**J**      **J2**

**U** \_\_\_\_\_ To the forward edge of track.

**V** \_\_\_\_\_ To the aft end of track.

### MEASURED CENTERLINE - OUT

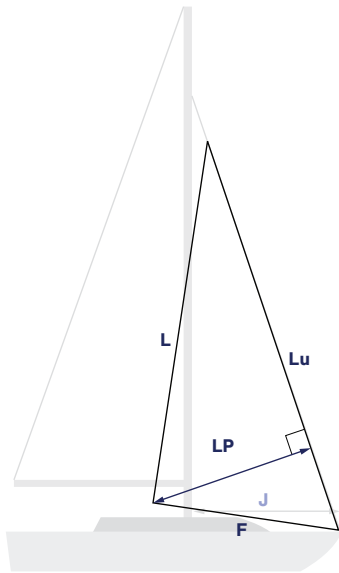
**X** \_\_\_\_\_ To the shroud base.

**J**      **J2**

**Y** \_\_\_\_\_ To the forward edge of track.

**Z** \_\_\_\_\_ To the aft end of track.

## 3. HEADSAIL MEASUREMENTS



### MEASURED HEADSAIL

Provide headsail measurements from your existing headsail if ordering a replacement

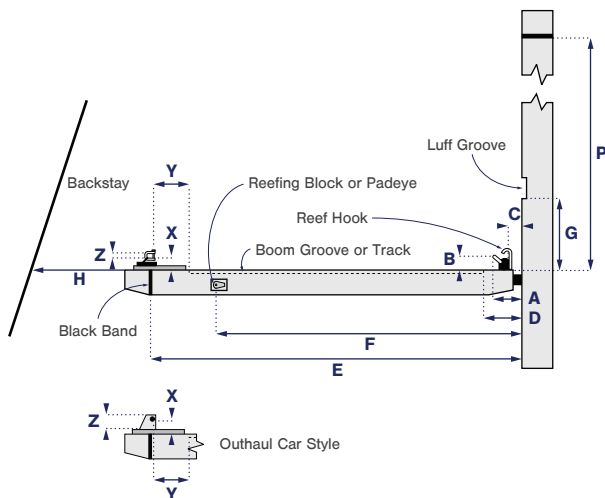
**L** \_\_\_\_\_ Leech: Aft trailing edge.

**Lu** \_\_\_\_\_ Luff: Forward leading edge (Stretch under high tension to measure).

**F** \_\_\_\_\_ Foot: Bottom edge.

**LP** \_\_\_\_\_ Luff Perpendicular (based on **J** measurement). A line perpendicular to the luff and measured to the clew (shortest distance from the clew to the luff). A sail described as 150% would have an LP length equal to 150% of **J**.

## 4. MAINSAIL MEASUREMENTS



**Mainsail**    **Mizzen**

**A** \_\_\_\_\_ Aft face of mast to bearing point of tack fitting.

**B** \_\_\_\_\_ Top of boom to bearing point of tack fitting.

**C** \_\_\_\_\_ Aft face of mast to bearing point of reef hook (if any).

**D** \_\_\_\_\_ Aft face of mast to start of groove or track.

**E** \_\_\_\_\_ Maximum foot length measured from aft face of mast to tightest/longest outhaul setting or to the inside of the black measurement band on the boom (indicate measurement method).

**F** \_\_\_\_\_ From back of mast to reefing block or padeye (if any). Give measurements for all positions if more than one.

**G** \_\_\_\_\_ Bottom of the luff groove or track to top of boom.

**H** \_\_\_\_\_ Measure from aft face of mast to backstay horizontally at boom level.

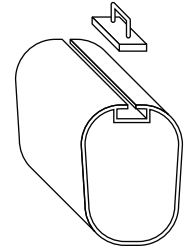
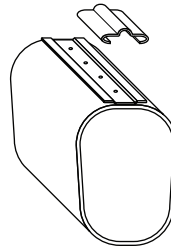
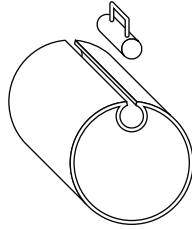
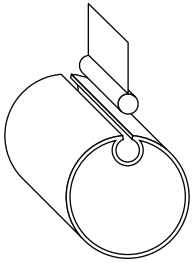
**P** \_\_\_\_\_ On main halyard, hoist a tape measure until it stops (i.e., to the sheave). From the sheave, measure straight down to top of boom.

**X** \_\_\_\_\_ From bearing point on outhaul car to top of boom.

**Y** \_\_\_\_\_ From black band to end of boom groove or boom track.

**Z** \_\_\_\_\_ Width of shackle jaw or clew attachment.

**5. SELECT THE APPROPRIATE STYLE & SIZE OF BOLTROPE, SLUG OR SLIDE**



**BOLTROPE**

LUFF		FOOT	
P	P2	E	E2
<input type="checkbox"/> 5/16"	<input type="checkbox"/> 5/16"	<input type="checkbox"/> 5/16"	<input type="checkbox"/> 5/16"
<input type="checkbox"/> 3/8"	<input type="checkbox"/> 3/8"	<input type="checkbox"/> 3/8"	<input type="checkbox"/> 3/8"

**SLUG**

LUFF		FOOT	
P	P2	E	E2
<input type="checkbox"/> 13/32"	<input type="checkbox"/> 13/32"	<input type="checkbox"/> 13/32"	<input type="checkbox"/> 13/32"
<input type="checkbox"/> 5/16"	<input type="checkbox"/> 5/16"	<input type="checkbox"/> 5/16"	<input type="checkbox"/> 5/16"
<input type="checkbox"/> 3/8"	<input type="checkbox"/> 3/8"	<input type="checkbox"/> 3/8"	<input type="checkbox"/> 3/8"
<input type="checkbox"/> 7/16"	<input type="checkbox"/> 7/16"	<input type="checkbox"/> 7/16"	<input type="checkbox"/> 7/16"
<input type="checkbox"/> 1/2"	<input type="checkbox"/> 1/2"	<input type="checkbox"/> 1/2"	<input type="checkbox"/> 1/2"

**EXTERNAL SLIDE**

LUFF		FOOT	
P	P2	E	E2
<input type="checkbox"/> 5/8"	<input type="checkbox"/> 5/8"	<input type="checkbox"/> 5/8"	<input type="checkbox"/> 5/8"
<input type="checkbox"/> 7/8"	<input type="checkbox"/> 7/8"	<input type="checkbox"/> 7/8"	<input type="checkbox"/> 7/8"

**INTERNAL SLIDE**

LUFF		FOOT	
P	P2	E	E2
<input type="checkbox"/> 7/16"	<input type="checkbox"/> 7/16"	<input type="checkbox"/> 7/16"	<input type="checkbox"/> 7/16"
<input type="checkbox"/> 9/16"	<input type="checkbox"/> 9/16"	<input type="checkbox"/> 9/16"	<input type="checkbox"/> 9/16"
<input type="checkbox"/> 5/8"	<input type="checkbox"/> 5/8"	<input type="checkbox"/> 5/8"	<input type="checkbox"/> 5/8"
<input type="checkbox"/> 3/4"	<input type="checkbox"/> 3/4"	<input type="checkbox"/> 3/4"	<input type="checkbox"/> 3/4"
<input type="checkbox"/> 7/8"	<input type="checkbox"/> 7/8"	<input type="checkbox"/> 7/8"	<input type="checkbox"/> 7/8"

**5. CONTACT INFO**

\*Name: \_\_\_\_\_

Address: \_\_\_\_\_

\*Phone: \_\_\_\_\_ Order/Estimate Number: \_\_\_\_\_

\*Email: \_\_\_\_\_

\*Description of sail(s) to be quoted:

\*Required

Please return the completed form to Sailrite.

Use the **'Email to Sailrite'** button to attach your completed form directly to your email and send it to:

Sailrite@sailrite.com

Email to Sailrite

Click **'Print'** and fax or mail the form back to:

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2390 East 100 South  
Columbia City, IN 46725

Fax: 260.818.2005

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